Sheet 1 of 2 ATTORNEY DOCKET: 2026-4124

Serial No.: 08/231,565

SERIAL NO. ATTY. DOCKET NO. FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 08/231,565 2026-4124 INFORMATION DISCLOSURE CITATION APPLICANT(S) KAWAKAMI, et al. (Use several sheets if necessary) FILING DATE GROUP ART UNIT 1813 April 22, 1994 U.S. PATENT DOCUMENTS FILING DATE **EXAMINER** SUBCLASS IF APPROPRIATE CLASS DOCUMENT NUMBER DATE NAME INITIAL 08/31/94 Boon et al. 5342774 FOREIGN PATENT DOCUMENTS TRANSLATION DATE DOCUMENT NUMBER SUBCLASS YES NO COUNTRY CLASS 05/24/84 DE 33 41 367 A 1 Germany 08/23/95 0 66 83 50 A1 **EPO** 2 13 35 43 A 08/25/84 GB 08/24/95 **PCT** W0 95 22561 10/13/94 **PCT** WO 94 23067 WO 93 14189 07/22/93 **PCT** BM OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.) Storkus, W.J. et al. (1993) "Identification of human melanoma peptides recognized by Class I SJH. restricted tumor infiltrating T lymphocytes" J. Immunol. 151(7):3719-3727 Kawakami, Yutaka et al. (1994) "Cloning of the gene coding for a shared human melanoma antigen recognized by autologous T cells infiltrating into tumor" Proc. Natl. Acad. Sci. U.S.A. 91(9):3515-3519 Falk, K., et al.: "Allele-specific motifs revealed by sequencing of self-peptides eluted from MHC molecules." Nature 1991, 351:290-296.

Alluff 3/27/96

Sheet 2 of 2 ATTORNEY DOCKET: 2026-4124

Serial No.: 08/231,565

55H	Kubo, R., et al.: "Definition of specific peptide motifs for four major HLA-A Alleles." <i>Journal of Immunology</i> 1994, 152:3913-3924.
SSH	Parker, K., et al.: "Sequence motifs important for peptide binding to the human MHC class 1 molecule. HLA-A2." 1992, J. Immunol:3580-3587.
STH	Ruppert, J., et al.: "Prominent role of secondary anchor residues in peptide binding to HLA-A2.1 molecules." Cell 1993, 74:929-937.
5574	Kawakami, Y., et al.: "Identification of human melanoma antigen recognized by trans-infiltrating lymphocytes associated with in vivo tumor rejection." <i>Pro. Natl. Acad. Sci. USA</i> 1994, 91:6458-6462.
5574	Adema, G.J. et al., "Molecular characterization of the melanocyte lineage-specific antigen gp100." Journal of Biological Chemistry 1994, 269:20126-20133.
55H	EMBL DATABASE ACCESSION NUMBER M32295: 26-11-90 Vogel A.: Human KD melanocyte specific secreted glycoprotein MRNA 3'end'
95H	Sette, et al., "Peptide Binding to the Most Frequent HLA-A Class I Alleles Measured by Quantitative Molecular Binding Assays" Molecular Immunology 31:813-822 (1994)
50H	Wölfel, et al., "Analysis of Antigens Recognized in Human Melanoma Cells by A2-Restricted Cytolytic T-Lymphocytes (CTL)" Int. J. Cancer 1993 55:237-244.
554	Wölfel, et al., "Isolation of Naturally Processed Peptides Recognized by Cytolytic Lymphocytes (CTL) on Human Melanoma Cells In Association with HLA-A2.1" Int. J. Cancer 1994 413-418
55H	Slingluff, C.L., et al., "Recognition of Human Melanoma Cells by HLA-A2.1 Restricted Cytotoxic 7-Lymphocytes as Mediated by Six Strand Peptide Epitopes" <i>Journal of Immunology</i> 1993:150:2955-2963
5571	GENBANK ACCESSION NUMBER M77348 "Human PMEL 17 mRNA" January 8, 1995
SOH	GENBANK ACCESSION NUMBER U06654 "Human Differentiation Antigen Melan-A Protein in RNA" July 30, 1994
50H	GENBANK ACCESSION NUMBER S73003 "GP100 Melanocyte Lineage Specific Antigen/PMELL7 Honolog" January 25, 1995
SOH	GENBANK ACCESSION NUMBER U01874 "Human ME20 in RNA" May 27, 1994

EXAMINER DATE CONSIDERED 8/27/96

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

·				_			•					Sheet	0	ſ <u>1</u>		
FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE										ATTY, DOCKET NO. 2026-4124 SERIAL NO. 08/231,565						
INFORMATION DISCLOSURE CITATION									APPLICANT	APPLICANT  Kawakami And Rosenberg						
(Use several sheets if necessary)								FILING DATE	FILING DATE April 22, 1994 GROUP To be Assigned							
PATENT DOCUMENTS																
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	DATE NAME CLASS SUBCLASS IF APPROPRI						
STH		5 2				1	7	7	11/16/93	Brown et al.	CEASS	SUBCLASS	II. ATTK	PRIATE		
FOREIGN PATENT DOCUMENTS																
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION			
		-		Γ	Т	I	l	Ι.			ļ		YE\$	NO		
			_			_	_	$\vdash$				<del>-</del>	<u> </u>			
-				_		<u> </u>	L	ļ								
					<u> </u>											
	·····		отні	ER DO	CUM	ENTS	(Incl	ding /	Author, Title, Da	te, Pertinent Papers, Et	c.)					
STH	/	P. Faire.	<sup>†</sup> Coulie, P.G. et al. (1993) *Genes coding for tumor antigens recognized by human cytolytic T-lymphocytes* J. Immunotherap. 14:104-109													
STH			Coulie P.G. et al. "A new gene coding for a differentiation antigen recognized by autologous cytolytic T lymphocytes on HLA-A2 melanomas", J. Exp Med (1994) 180:35-42													
<b>হ্যস</b>		5	Maresh, C.A. et al.: Cloning and expression of the gene for the melanoma associated ME20 antigen. DNA and Cell Biology, 1994; 13:87-95													
2241		1.	Cox, A.L., et al. "Identification of a peptide recognized by five melanoma-specific human cytotoxic T cell lines" Science 1994; 264:716-719.													
ક્ઝમ			Brichard, V., et al.: "The tyrosinase gene codes for an antigen recognized by autologous cytolytic T lymphocytes on "HLA-A2 melanomas". J. Exp. Med. 1993; 178:489-495.													
20H		E/L	Gaugler, B., et al, "Human gene MAGE-3 codes for an antigen recognized on a melanoma by autologous cytolytic T lymphocytes". <i>J. Exp. Med.</i> 1994; 179:921-930.													
क्राम		T.	Traversari, C., et al.: "A nonapeptide encoded by human gene MAGE-1 is recognized on HLA-A1 by cytolytic T lymphocytes directed against tumor antigen MZ2-E". J Exp. Med. 1992; 176:1453-1457.													
રૂમ		957315														
2241	!	:: Ta-	Boon, T.: "Toward a genetic analysis of tumor rejection antigens". Adv. Cancer Res. 1992; 58:177-210.													
201		113.	Kawakami, Y., et al., T-cell recognition of human melanoma antigens. J. Immunother. 1993; 14:88-93.													
20H		يربر	**Cakker, A.B.H., et al.: Melanocyte lineage-specific antigen gp100 is recognized by melanocyte-derived tumor infiltrating lymphocytes. <i>J. Exp. Med.</i> 1994; 179:1005-1009.													
507H			Wölfel, T., et al.: Two tyrosinase nonapeptides recognized on HLA-A2 melanomas by autologous cytolytic T. lymphocytes. Eur. J. Immunol. 1994; 24:759-764.													
5574		150	Adema, G.J., et al.: Melanocyte lineage-specific antigens recognized by monoclonal antibodies NK1-beteb, HMB-50, and HMB-45 are encoded by a single cDNA. Am J. Pathol. 1993; 143:1579-1585.													
5071	,	100	Kwon, B.S., et al.: A melanocyte-specific gene, Pmel 17, maps near the silver coat color locus on mouse chromosome 10 and is in a syntenic region on human chromosome 12. Proc. Natl. Acad. Sci. USA 1991; 88:9228-9232.													
22H			Rosenberg, S.A., et al.: Use of tumor infiltrating lymphocytes and interleukin-2 in the immunotherapy of patients with metastatic melanoma. Preliminary report. N. Engl. J. Med. 1988; 319:1676-1680.													
22H	ţ	30							nan melanoma ar 1 1992; 148:638-	tigens. Recognition by	tumor inf	iltrating lymphocy	tes in HL	A-A2.1		
500भ		<b>\$</b> 2.					I.: A 13-164		ncoding an antig	en recognized by cytol	ytic T. lyn	nphocytes on a hu	man mela	noma.		
EXAMINER		14	uf	1					DATE CO	NSIDERED 8	241	960				
EXAMINER: I considered. Inc	nitial if reference co lude copy of this fo	onsider orm wit	ed, wh	comm	or not iunica	citatio	n is in applic	confo	rmance with MP	EP 609; Draw line thro	ugh citatio	on if not in confor	mance and	l not		